L Number	Hits	Search Text	DB	Time stamp
-	573	349/155 and method	USPAT;	2003/05/13 14:18
			US-PGPUB;	
			EPO; JPO;	1
			DERWENT;	1
	212	240/156	IBM_TDB	
-	313	349/156 and method	USPAT;	2003/05/13 14:15
			US-PGPUB;	
			EPO; JPO;	İ
			DERWENT;	
_	48	mask same (non adj conductive) same	IBM_TDB USPAT;	2003/05/13 14:17
		(spacer or piller or projection or	US-PGPUB;	2003/03/13 14:17
		protrusion or bead or ball or sphere)	EPO; JPO;	
		re	DERWENT;	
			IBM TDB	
-	17	349/155 and (non adj conductive)	USPAT;	2003/05/13 14:19
			US-PGPUB;	2000,00,10 11.19
			EPO; JPO;	Î)
			DERWENT;	
			IBM TDB	•
-	10	349/156 and (non adj conductive)	USPAT;	2003/05/13 14:19
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	50	349/155 and SiO	USPAT;	2003/05/13 15:09
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	0.0		IBM_TDB	
_	20	349/155 and SiN	USPAT;	2003/05/13 14:20
			US-PGPUB;	
]			EPO; JPO;	
			DERWENT;	
_	18	349/156 and SiO	IBM_TDB	2002/05/12 14 00
	10	349/130 and 310	USPAT;	2003/05/13 14:20
ļ			US-PGPUB;	
			EPO; JPO;	
ĺ			DERWENT; IBM TDB	
_	0	349/156 and NiO	USPAT;	2003/05/13 14:21
	_	7 17 7 20 7 and 11 20	US-PGPUB;	2003/03/13 14.21
			EPO; JPO;	
İ			DERWENT;	
			IBM TDB	
-	276	forming same (non adj conductive) same	USPAT;	2003/05/13 14:29
		(spacer or bead or sphere or ball or	US-PGPUB;	
	İ	pillar or protrusion ot projection)	EPO; JPO;	
			DERWENT;	
	ļ		IBM_TDB	
-	0	(349/155 and SiO) and (forming same (non	USPĀT;	2003/05/13 14:27
		adj conductive) same (spacer or bead or	US-PGPUB;	
		sphere or ball or pillar or protrusion ot	EPO; JPO;	
		<pre>projection))</pre>	DERWENT;	
		1010/155	IBM_TDB	
-	0	(349/155 and SiN) AND (forming same (non	USPAT;	2003/05/13 14:27
		adj conductive) same (spacer or bead or	US-PGPUB;	
		sphere or ball or pillar or protrusion ot	EPO; JPO;	
		<pre>projection))</pre>	DERWENT;	
_	0	(3/9/156 and SiO) and (farming ages (IBM_TDB	1 2002 /05 /12 14 07
	U	(349/156 and SiO) and (forming same (non adj conductive) same (spacer or bead or	USPĀT;	2003/05/13 14:27
			US-PGPUB;	
		sphere or ball or pillar or protrusion ot projection))	EPO; JPO;	
		projection, i	DERWENT;	
_	2	(349/155 and method) and (forming same	IBM_TDB	2003/05/12 14:27
	2	(non adj conductive) same (spacer or bead	USPAT; US-PGPUB;	2003/05/13 14:27
		(non adj conductive) same (spacer or bead		
	1	or sphere or ball or billar or protructor	TPDO. TDO.	
		<pre>or sphere or ball or pillar or protrusion ot projection))</pre>	EPO; JPO; DERWENT;	

Page 1

_	4	349/155 and (non adj pixel adj (area or region))	USPAT; US-PGPUB;	2003/05/13 14:36
	İ		EPO; JPO; DERWENT;	
			IBM TDB	1
-	23		USPAT;	2003/05/13 14:44
		material or sheet or laminate)) same	US-PGPUB;	2000/00/15 14.44
		(pixel)	EPO; JPO;	
			DERWENT;	
_	1162	(forming or gooting)	IBM_TDB	
	1102	(forming or coating) same transparent same (non-adj conductive) same (pixel)	USPAT;	2003/05/13 14:55
		(state day considerive) same (pixel)	US-PGPUB; EPO; JPO;	
			DERWENT;	, }
			IBM TDB	
-	606	(forming or coating) same transparent same	USPAT;	2003/05/13 14:50
		(non-adj conductive) same (spacer or pillar or sphere or projection or	US-PGPUB;	1
		protrusion or bead or ball)	EPO; JPO;	
		proceeding of bead of ball)	DERWENT; IBM TDB	
-	49	, (USPAT;	2003/05/13 14:50
		same (non-adj conductive) same (pixel))	US-PGPUB;	2003/03/13 14.30
		and ((forming or coating) same transparent	EPO; JPO;	
		same (non-adj conductive) same (spacer or	DERWENT;	
		pillar or sphere or projection or protrusion or bead or ball))	IBM_TDB	
-	2	(forming or coating) same transparent same	:	2002/05/12 14 56
		(non adj conductive) same (pixel)	USPAT; US-PGPUB;	2003/05/13 14:56
		(P21102)	EPO; JPO;	
			DERWENT;	
_		farming and the second of the	IBM_TDB	
_	0	1 Jame (Spacers) Jame (Holl ad)	USPAT;	2003/05/13 14:57
		conductive adj material) same (non adj pixel adj area)	US-PGPUB;	
		panoa adj alea/	EPO; JPO; DERWENT;	
	1		IBM TDB	
-	0	forming same (spacers or pillars or	USPĀT;	2003/05/13 14:58
		projections or protrusions or beads or	US-PGPUB;	1
		balls or spheres) same (non adj conductive adj material) same (non adj pixel adj	EPO; JPO;	1
	ļ	area)	DERWENT; IBM TDB	
-	317	(photolithographic or photolithography or	USPAT;	2003/05/13 15:02
		mask) and 349/155	US-PGPUB;	2000/00/15 15:02
			EPO; JPO;	
			DERWENT;	
_	4	(non adj pixel adj (area or region)) and	IBM_TDB	2002/05/12 15 02
		349/155	USPAT; US-PGPUB;	2003/05/13 15:03
			EPO; JPO;	
-			DERWENT;	1
_		//	IBM_TDB	
_	4	((photolithographic or photolithography or	USPAT;	2003/05/13 15:08
] i	mask) and 349/155) and ((non adj pixel adj (area or region)) and 349/155)	US-PGPUB;	
		(=====================================	EPO; JPO; DERWENT;	
			IBM TDB	
-	0	349/155 and (non adj conductive adj (film	USPAT;	2003/05/13 15:10
		or layer or sheet))	US-PGPUB;	
			EPO; JPO;	i
			DERWENT;	
_	0	349/156 and (non adj conductive adj (film	<pre>IBM_TDB USPAT;</pre>	' . 2003/05/13 15:11.
		or layer or sheet))	US-PGPUB;	
,			EPO; JPO;	
			DERWENT;	1
_	5842	(enacor or hoad on millan as and	IBM_TDB	0000/07/15
	3042	(spacer or bead or pillar or projection or protrusion or ball or sphere or particle)	USPAT;	2003/05/13 15:14
		same (SiO or SiN)	US-PGPUB; EPO; JPO;	
		,	DERWENT;	
			IBM TDB	
				

	700	240/155		
-	20	The state of the state of the state of	USPAT;	2003/05/13 15:19
		projection or protrusion or ball or sphere	US-PGPUB;	
		or particle) same (SiO or SiN))	EPO; JPO;	
			DERWENT;	
		340/156	'IBM_TDB	
-	4		USPAT;	2003/05/13 15:29
		projection or protrusion or ball or sphere	US-PGPUB;	
i		or particle) same (SiO or SiN))	EPO; JPO;	1
			DERWENT;	
			IBM TDB	
-	72	the same the adjustment adjustment and the adjustme	USPAT;	2003/05/13 15:31
		region))	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	6	1 (10)	USPAT;	2003/05/13 15:35
		adj conductive adj (layer or material or	US-PGPUB;	
		film or sheet)) same pixel	EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	449		USPAT;	2003/05/13 15:39
		conductive adj (material or layer or film	US-PGPUB;	
		or sheet)) same substrate	EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	8	mask same (non adj pixel adj (area or	USPAT;	2003/05/13 16:36
		region))	US-PGPUB;	2003/03/13 10:36
			EPO; JPO;	, ,
			DERWENT;	1
			IBM TDB	
_	4173	(photolithographic or photolithography or	USPAT;	 2003/05/13 15:50
		lithography or lithographic) same (spacer	US-PGPUB;	2003/03/13 15:50
į		or projection or protrusion or bead or		
		sphere or pillar or column or support or	EPO; JPO;	
		ball) same (non adj pixel (area or	DERWENT;	
		region))	IBM_TDB	į į
_	2		GCDAM.	0000 (05 (10 15 50
	_	lithography or lithographic) same (spacer	USPAT;	2003/05/13 15:52
		or projection or protrusion or bead or	US-PGPUB;	
		sphere or pillar or column or support or	EPO; JPO;	
		ball) same (non adj pixel adj (area or	DERWENT;	
		region))	IBM_TDB	İ
_	208	349/155 and (photolithographic or		0000/05/10 15 55
	200	photolithography or lithographic or	USPAT;	2003/05/13 15:53
		lithography)	US-PGPUB;	
1	1		EPO; JPO;	
			DERWENT;	
_	179	349/156 and (photolithographic or	IBM_TDB	1 2002 (05 (12 15 55
	1 - 7	photolithography or lithographic or	USPAT;	2003/05/13 15:53
		lithography)	US-PGPUB;	
		++chography,	EPO; JPO;	
			DERWENT;	1
	4	349/155 and (non add mine) - 34 (IBM_TDB	0000105150
	4	349/155 and (non adj pixel adj (area or region))	USPAT;	2003/05/13 15:54
		regrout)	US-PGPUB;	1
			EPO; JPO;	
			DERWENT;	
_	4	3/0/155 and (non odd odd odd)	IBM_TDB	
	"	349/155 and (non adj pixel adj (area or	USPAT;	2003/05/13 15:55
		region or unit))	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
_	ا م	240/150 and /non add 1 2 21 4	IBM_TDB	
ĺ	3	349/156 and (non adj pixel adj (area or	USPAT;	2003/05/13 15:56
		region or unit))	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	Į.
			IBM_TDB	

Page 3

-	85		USPAT;	2003/05/13 16:24
		photolithography or lithographic or	US-PGPUB;	
		lithography)) and (349/156 and	EPO; JPO;	
		(photolithographic or photolithography or	DERWENT;	
		lithographic or lithography))	IBM TDB	
_	1		USPAT;	2003/05/13 15:57
		region or unit))) and (349/156 and (non	US-PGPUB;	
		adj pixel adj (area or region or unit)))	EPO; JPO;	1
			DERWENT;	
	ł		IBM TDB	
_	0	((349/155 and (photolithographic or	USPAT;	2003/05/13 15:57
				2003/03/13 13:37
		photolithography or lithographic or	US-PGPUB;	
		lithography)) and (349/156 and	EPO; JPO;	
		(photolithographic or photolithography or	DERWENT;	!
		lithographic or lithography))) and	IBM_TDB	
		((349/155 and (non adj pixel adj (area or		
		region or unit))) and (349/156 and (non		
		adj pixel adj (area or region or unit))))		
-	0	(lithographic or lithography) same spacer	USPAT;	2003/05/13 16:10
	ł	same (non adj pixel)	US-PGPUB;	
		Tame (see as parts)	EPO; JPO;	- 1
	1		DERWENT;	
			IBM TDB	
l _	0	(lithographic or lithography) mass10	USPAT:	2003/05/12 16-10
		, (2003/05/13 16:10
	}	spacer near10 (non adj pixel)	US-PGPUB;	
	i		EPO; JPO;	
			DERWENT;	
	ł		IBM_TDB	
-	0	, , == ===	USPAT;	2003/05/13 16:11
		adj conductive) near10 (non adj pixel)	US-PGPUB;	I
·	1		EPO; JPO;	
			DERWENT;	T ·
			IBM TDB	
_	0	(lithographic or lithography) same (non	USPAT;	2003/05/13 16:12
		adj conductive) same (non adj pixel)	US-PGPUB;	-000, 00, 10 10.12
		day conductive, same (non ad) pixel)	EPO; JPO;	
	1		DERWENT;	6.8
	1 12	/likhamanhia an likhamanhia	IBM_TDB	2002/05/12 16 12
_	12		USPAT;	2003/05/13 16:13
		adj conductive) same (spacer or column or	US-PGPUB;	
		support or projection or protrusion or	EPO; JPO;	
		pillar or bead or sphere or bead or ball)	DERWENT;	
			IBM_TDB	
-	199	349/155 and etching	USPAT;	2003/05/13 16:25
		<u>-</u>	US-PGPUB;	
			EPO; JPO;	1 3
			DERWENT;	
			IBM TDB	
_	158	349/156 and etching	USPAT;	2003/05/13 16:25
	138	317/130 and econting	US-PGPUB;	2003/03/13 10.23
				i
			EPO; JPO;	
			DERWENT;]
			'IBM_TDB	
-	71	(349/155 and etching) and (349/156 and	USPAT;	2003/05/13 16:25
		etching)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	1		IBM TDB	j
_	6	((349/155 and etching) and (349/156 and	USPAT:	2003/05/13 16:26
		etching)) and (349/155 and SiO)	US-PGPUB;	= 100, 00, 10 10.20
		000ming/, and (019/100 and 010/	EPO; JPO;	
	İ		DERWENT;	
	1	//240/155 and atabinary 2/240/156	IBM_TDB	3003/05/13 16:36
-	3	1 , , , , , , , , , , , , , , , , , , ,	USPAT;	2003/05/13 16:26
	İ	etching)) and (349/155 and SiN)	US-PGPUB;	
			EPO; JPO;	1
			DERWENT;	
			IBM_TDB	_0.4

-	6	((349/155 and etching) and (349/156 and	USPAT;	2003/05/13 16:26
1	İ	etching)) and (349/156 and SiO)	US-PGPUB; EPO; JPO;	
			DERWENT;	
	_		IBM_TDB	
_	2		USPAT;	2003/05/13 16:26
		etching)) and (349/155 and SiO)) and (((349/155 and etching) and (349/156 and	US-PGPUB;	
		etching)) and (349/155 and SiN)) and	EPO; JPO; DERWENT;	
		(((349/155 and etching) and (349/156 and	IBM TDB	
_	1	etching)) and (349/156 and SiO))		
	1	6552770.did.	USPAT; US-PGPUB;	2003/05/13 16:38
			EPO; JPO;	
			DERWENT;	
	620		IBM_TDB	
-	620	(photolithography or photolithographic or lithography or lithographic) same	USPAT; US-PGPUB;	2003/05/13 16:41
		transparent same (spacer or column or	EPO; JPO;	
		projection or protrusion or pillar or bead	DERWENT;	'
1_	1.0	or sphere or ball)	IBM_TDB	
	19	349/155 and ((photolithography or photolithographic or lithography or	USPAT; US-PGPUB;	2003/05/13 16:41
		lithographic) same transparent same	EPO; JPO;	
		(spacer or column or projection or	DERWENT;	
		protrusion or pillar or bead or sphere or ball)	IBM_TDB	
_	20		USPAT;	2003/05/13 16:51
		photolithographic or lithography or	US-PGPUB;	2003/03/13 16:51
		lithographic) same transparent same	EPO; JPO;	
		(spacer or column or projection or	DERWENT;	
		protrusion or pillar or bead or sphere or ball))	IBM_TDB	
-	11	349/155 and (mask same shield)	USPAT;	2003/05/13 16:54
			US-PGPUB;	
	A 011		EPO; JPO;	
			DERWENT; IBM TDB	
-	14	349/156 and (mask same shield)	USPAT;	2003/05/13 16:54
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	'
· - · ·	5	(349/155 and (mask same shield)) and	USPĀT;	, 2003/05/13 16:58,
		(349/156 and (mask same shield))	US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM_TDB	
-	204	coating same dielectric same pixel	USPAT;	2003/05/13 17:01
			US-PGPUB; EPO; JPO;	
			DERWENT;	
	/		IBM_TDB	
-	106	(non adj conductive) same (SiO or SiN)	USPĀT;	2003/05/13 17:05
			US-PGPUB; EPO; JPO;	
		91	DERWENT;	
			IBM_TDB	
-	0	349/155 near10 SiN	USPAT;	2003/05/13 17:06
			US-PGPUB; EPO; JPO;	
ĺ			DERWENT;	
		1010/055	IBM_TDB	
_	0	349/156 near10 SiN	USPAT;	2003/05/13 17:06
			US-PGPUB; EPO; JPO;	
		1	DERWENT;	1
			IBM_TDB	

-	8 (photolithography or photolithographic o lithography or lithographic) same (microdisplay or (micro adj display) or	US-PGPUB;	2003/05/13 1	7:07
	micro-display)	EPO; JPO; DERWENT; IBM TDB		